

MINING APPLICATION  
NO. 43-023-001

Date: 9/8/75

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

NOTICE OF INTENTION TO COMMENCE MINING OPERATIONS  
(See Rule M of General Rules and Regulations)

1. Name of Applicant or Company Filtrol Corporation  
Corporation (xx) Partnership ( ) Individual ( )
2. Address 5959 W. Century Blvd., Los Angeles, California 90045  
Permanent Temporary
3. Name and title of person representing company Dennis C. Temple, Mining Manager
4. Address 3250 E. Washington Blvd., Office Phone 213-263-5111 ex.-62  
Los Angeles, California 90023
5. Location of Operation Juab Sec. 28 T. 14S R. 11W  
County
6. Name of Mine Emerald
7. Mineral to be mined:
- |               |                          |                                   |
|---------------|--------------------------|-----------------------------------|
| ( ) Coal      | ( ) Flagstone            | Mining Method:<br><u>Open Pit</u> |
| ( ) Copper    | ( ) Gravel               |                                   |
| ( ) Manganese | ( ) Shale                |                                   |
| ( ) Iron Ore  | ( ) Uranium              |                                   |
| ( ) Phosphate | ( ) Gilsontite           |                                   |
| ( ) Potash    | ( ) Bituminous Sandstone |                                   |
| ( ) Fluorspar | ( ) Tungsten             |                                   |
- (xx) Other Clay
8. Have you or any person, partnership or corporation associated with you received an approved Notice of Intention to Commence Mining Operations by the State of Utah for operations other than described herein?  
( ) Yes (xx) No
- If yes, list all approval numbers now under surety:
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

9. Record Owner (Owners) of the surface area within the land to be affected:
- U. S. Government Address B. L. M., Salt Lake City, Utah
- \_\_\_\_\_ Address \_\_\_\_\_
- \_\_\_\_\_ Address \_\_\_\_\_
- \_\_\_\_\_ Address \_\_\_\_\_

SEP 8 1975

Michael Corporation

100 W. Century Blvd. Los Angeles, California 90045

Attention: Mr. J. L. Michael

100 W. Century Blvd.

Los Angeles, California 90045

Phone

Telex

Open File

CIO

USA

GOVERNMENT



10. Record Owner (or Owners) of minerals to be mined:

<u>Don W. Fulmer</u>	Address <u>2563 North 250 West</u> <u>Sunset, Utah</u>
_____	Address _____
_____	Address _____
_____	Address _____

11. Record Owner (or Owners) of all other minerals within any part of the land affected:

<u>Don W. Fulmer</u>	Address <u>2563 North 250 West</u> <u>Sunset, Utah</u>
_____	Address _____
_____	Address _____
_____	Address _____

11a. Have the above owners been notified in writing?  
( ) Yes (xx) No

12. Source of operator's legal right to enter and conduct operations on land to be covered by the Notice Lode Mining Claims

13. Approximate acreage to be disturbed:

Mining operation area (include operations, storage, and disposal area):

	<u>3</u>	acres +
Access Road or Haulageway:	_____	acres +
Drainage System:	_____	acres =
Total Acres:	<u>3</u>	acres

14. Give the names and post office addresses of every principal executive, officer, partner, (or person performing a similar function) of applicant:

Name	Title	Address
<u>a. W. F. Moore</u>	<u>President</u>	<u>5959 W. Century Blvd.</u> <u>Los Angeles, California 90045</u>
<u>b.</u>	_____	_____
<u>c.</u>	_____	_____
<u>d.</u>	_____	_____

15. Has applicant, any subsidiary of affiliate or any person, partnership, association, trust or corporation controlled by or under common control with applicant, or any person required to be identified by Item 14, ever had an approval of a Notice of Intention withdrawn or has surety relating thereto ever been forfeited? Yes ( ) No (xx)

If yes, explain:

STATE OF California

COUNTY OF Los Angeles

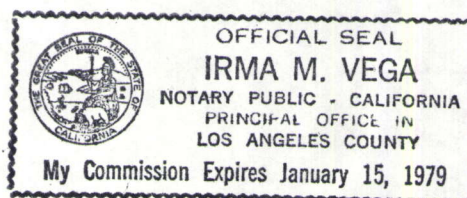
I, Dennis C. Temple., having been duly sworn  
depose and attest that all of the representations contained in the foregoing  
application are true to the best of my knowledge; that I am authorized to  
complete and file this application on behalf of the applicant and this  
application has been executed as required by law.

Signed: Dennis C. Temple

Taken, subscribed and sworn to before me the undersigned authority  
in my said county, this 4<sup>th</sup> day of September, 19 75.

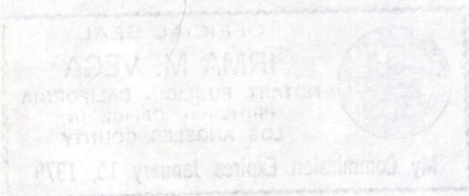
Notary Public: Irma M. Vega (Vega)

My Commission Expires: January 15, 1979





SEP 8 1975



MINING APPLICATION

NO. 43-023-001

Date: 9/8/75

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

MINING AND RECLAMATION PLAN

(Other forms may be used in lieu of MRA 2, provided they contain the same information.)

1. Name of Applicant or Company Filtrol Corporation
2. Proposed type of operation Open Pit Mine
3. (a) Prior Land Use(s) Mining and limited seasonal grazing.  
(b) Current Land Use(s) Mining and limited seasonal grazing.  
(c) Possible or Prospective Future Land Use(s) Mining and limited seasonal grazing.
4. What vegetation exists on the land proposed to be affected Sparse desert brush  
(a) Types and Estimated Percent Cover or Density: 10% ;  
Shadscale, tumble weeds, June grass.
5. What is the average pH of soil before mining? 7.7 pH.  
Name of person or agency and method of determining pH Soil Testing Laboratory,  
Utah State University UMC 48, Logan, Utah 84322
6. Site elevation above sea level 5740'
7. In case of coal, oil shale, and bituminous sandstone:  
Principal rock(s) and thickness(es)
8. Estimated duration of mining operations 3 months
9. Has overburden, waste or rejected materials been classified as acid or alkali producing? ( ) Yes (xx) No  
Does the above material being moved have any other characteristics affecting revegetation? No
10. Will any underground workings or aquifers be encountered? ( ) Yes (xx) No  
Describe Is there an active discharge of water from abandoned deep mines on or crossing the land affected? ( ) Yes (xx) No If Yes, describe the quality of water being discharged.



SEP 8 1975

THIRTY-THREE

ON THE

MINING AND LIMITED SEASONAL

MINING AND LIMITED SEASONAL

MINING AND LIMITED SEASONAL

SPRING

SHAD SCALE, PAPER WORK, AND

THIRTY-THREE

ON THE

THIRTY-THREE

ON

THIRTY-THREE

11. Describe specifically a detailed procedure for:

- The mining sequence.
- The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
- A procedure for site preparation including removing trees and brush.
- A method for removing and stockpiling topsoil or disturbed materials.
- A method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic material.
- A procedure for final stabilization of disturbed materials.

See paper attached for answer to the above.

GRADING AND REGRADING

Specifically describe:

- Typical cross-section of regrading.
- The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
- What type of soil treatment will be utilized.
- The method of drainage control for the final regraded area.
- Maximum grading slope.

See paper attached for answer to the above.

TESTING

1. a. Describe method for testing stability of reclamation fill material.

b. Describe method for the testing of soil that is intended to support vegetation.

2. Describe any soil treatment employed as an aid to revegetation.

3. Describe surface preparation of areas intended to support vegetation:

REVEGETATION

1. Revegetation to be completed by:

- |                                                                                  |                                                             |
|----------------------------------------------------------------------------------|-------------------------------------------------------------|
| <input type="checkbox"/> Operator                                                | <input type="checkbox"/> Hydroseeding                       |
| <input type="checkbox"/> Soil Conservation District                              | <input type="checkbox"/> Aerial Seeding                     |
| <input type="checkbox"/> Private Contractor                                      | <input type="checkbox"/> Conventional or Rangeland Drilling |
| <input checked="" type="checkbox"/> Other This small area will reseed naturally. | <input checked="" type="checkbox"/> Other                   |

2. Will Mulch Be Used?

Type No

Rate/acre

lbs.



3. Revegetation Plan and schedule -

Species	Rate/ acre	Planting location	Facing N-S-E-W	Season to to be Replanted

4. Will affected area be subject to livestock or wildlife grazing: (x) yes  
( ) No Will vegetation protection be needed? No

5. Will irrigation be used? ( ) Yes (x) No Type \_\_\_\_\_

6. Describe maintenance procedures for revegetation if needed, until surruity  
release is granted. None

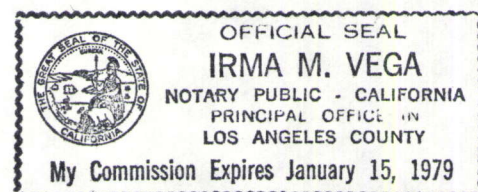
I, the undersigned operator, hereby submit this to be my reclamation and  
mining plan for the area shown on the attached map. I further understand  
that the operation will be conducted in accordance with the Mined Land  
Reclamation Act of 1975, and all rules and regulations currently in effect  
thereunder.

Signed Dennis C. Temple Operator, Date Sept. 7, 1975  
Dennis C. Temple

Taken, subscribed and sworn to before me the undersigned authority  
in my said county, this 4th day of September, 19 75.

Notary Public Irma M. Vega (Vbz)

My Commission Expires: January 15-1979



SEP 8 1975

James C. Temple

W. J. Temple is a resident of the  
County of Santa Clara, California  
and is the owner of the  
property described in the  
instrument of conveyance  
dated and captioned as above.  
He is the owner of the  
property described in the  
instrument of conveyance  
dated and captioned as above.  
He is the owner of the  
property described in the  
instrument of conveyance  
dated and captioned as above.



MRA Form 2, Paragraph 11

The following pertains to the requests of this paragraph with respect to the Emerald Mine.

- A.
  - 1. Loose surficial material will be removed and stockpiled.
  - 2. Overburden removed from pit area to a depth of 20 feet and stockpiled.
  - 3. Clay mined to a depth of 20 feet and stockpiled.
  - 4. Repetition of steps 2 and 3 until an economic limit has been reached. Not to exceed 70 feet in total depth.
  - 5. Regrading of pit walls and overburden stockpiles in order to reduce erosion and hazards.
  - 6. Spreading of stockpiled surficial material over disturbed area.
- B. Access roads exist and will not require improvement.
- C. Not applicable
- D. In mining step a.1., the surficial material is stockpiled.
- E. Stockpiles will be formed near the entrance ramp.
- F. Regrading will reduce erosion and prevent silt from leaving the site.

Grading and Regrading

- ✓ A. See attached map & section.
- B. Material will be spread with a front end loader, approximately 6 inches deep. This is nearly the same depth as existed before mining operations.
- C. None
- D. None required
- E. 2 to 1

SEP 8 1975

The following pertains to the removal of material from the road surface and stockpiling.

1. Material removed from the road surface will be stockpiled.

2. Material removed from the area to a depth of 10 ft. will be stockpiled.

3. Material to a depth of 10 feet will be stockpiled.

4. Material of depth 10 feet will be stockpiled. Material of depth 10 feet will be stockpiled.

5. Material of depth 10 feet will be stockpiled. Material of depth 10 feet will be stockpiled.

6. Material of depth 10 feet will be stockpiled. Material of depth 10 feet will be stockpiled.

7. Material of depth 10 feet will be stockpiled. Material of depth 10 feet will be stockpiled.

8. Material of depth 10 feet will be stockpiled.

9. Material of depth 10 feet will be stockpiled. Material of depth 10 feet will be stockpiled.

10. Material of depth 10 feet will be stockpiled. Material of depth 10 feet will be stockpiled.

11. Material of depth 10 feet will be stockpiled. Material of depth 10 feet will be stockpiled.

12. Material of depth 10 feet will be stockpiled.

13. Material of depth 10 feet will be stockpiled.

14. Material of depth 10 feet will be stockpiled. Material of depth 10 feet will be stockpiled.

15. Material of depth 10 feet will be stockpiled.

16. Material of depth 10 feet will be stockpiled.

17. Material of depth 10 feet will be stockpiled.